16*10/100/1000Base-T Unmanaged Industrial Ethernet Switch
LT-IS6016G-16GT

Overview:

The LT-IS6016G-16GT, featuring with 16*10/100/1000M RJ45 ports, is the 16 Ports full gigabit unmanaged industrial grade switches that it provides stable and reliable Ethernet transmission. Housed in rack-mount enclosures, wide operating temperature -40 to 75°C , it is designed for harsh environments, such as industrial networking, security automation applications, IP Surveillance, intelligent transportation systems (ITS) and is also suitable for many military and utility market applications where environmental conditions exceed commercial product specifications.

Picture

Features:

- 16*10/100/1000Base-T RJ45 ports
- IP40 industrial case protection level and fan-less design
- Industrial Marvell chipset to make sure the high performance and quality
- DC12-58V wide range input, redundant power supply with polarity reverse protection function
- Support voltage alarm function when under-voltage or over-voltage
- Support watchdog function, which can make the equipment work again if it is frozen
- Support storm control and port isolation
- Support star, bus, tree and hybrid network topology
- Support 6KV surge protection and ESD: Air-15kV, Contact-8kV protection
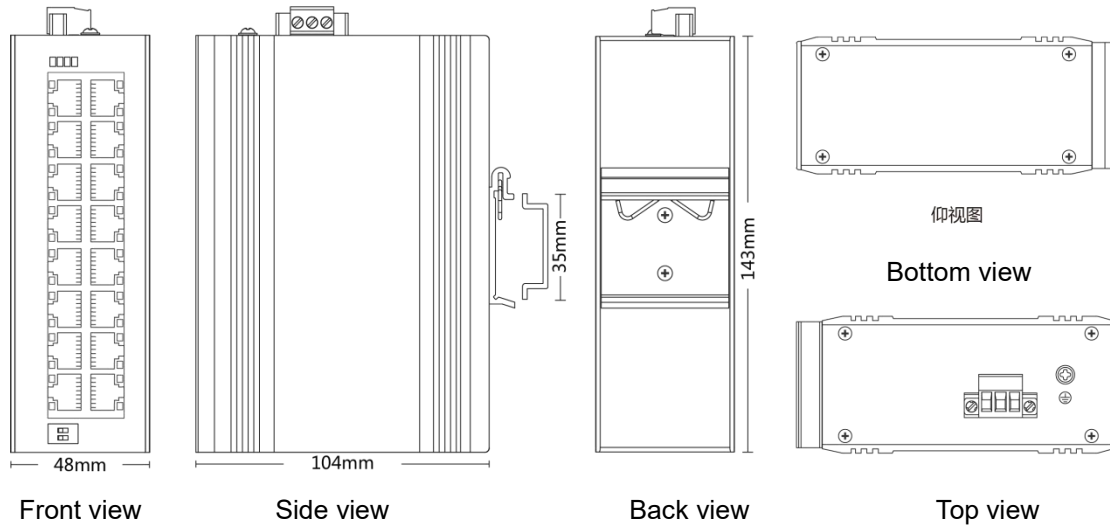- Support Din-rail installation

- Operation temperature: -40℃~+75℃

- 5 years warranty

Technical specification

Ports Interface	
Fixed port	16*10/100/1000Base-T
Power interface	Phoenix terminal, redundant dual power
LED Indicators	PWR，Link/ACT LED
Cable type &Transmission distance	
Twisted-pair	0-100m （CAT5e,CAT6)
Network Topology	
Star topology	Support
Bus topology	Support
Tree Topology	Support
Hybrid topology	Support
Electrical Specifications	
Input voltage	DC12-58V
Total Power consumption	<10W
Layer 2 Switching	
Switching capacity	32G
Packet forwarding rate	23.8Mpps
MAC address table	8K

Buffer	2M
Forwarding delay	<10us
MDX/MIDX	Support
Jumbo Frame	Support 3.3Kbytes
Environment	
Operating temperature	-40℃~+75℃
Storage temperature	-40℃~+85℃
Relative humidity	5%~95% non-condensing
Thermal methods	Fan-less, natural cooling
MTBF	100,000 hours
Mechanical Dimensions	
Product size	143X104X48mm
Installation Method	DIN rail
Weight	0.8KG around
Protection & Certification	
IP Level	IP40
Surge protection of Power	IEC 61000-4-5　Level 3（4KV/2KV）（8/20us）
Surge protection of Ethernet port	IEC 61000-4-5　Level 3（4KV/2KV）（10/700us）
RS	IEC 61000-4-3Level 3（10V/m）
EFI	IEC 61000-4-4　Level 3（1V/2V）
CS	IEC 61000-4-6　Level 3（10V/m）
PFMF	IEC 61000-4-8　Level 4（30A/m）
DIP	IEC 61000-4-11 Level 3（10V）
ESD	IEC 61000-4-2　Level 4（8K/15K）
Free fall	0.5m
Certification	CE/FCC/RoHS/CCC
Warranty	5 years

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Appearance diagram

48mm — Front view

104mm — Side view 35mm

143mm — Back view 仰视图 Bottom view

Top view

Order information

Model	Description
LT-IS6016G-16GT	16* 10/100/1000Base-T unmanaged industrial switch, DC：36~75V, AC: 100~240V 50/60Hz, Phoenix terminal, redundant dual power supply, Din-rail installation, Operation temperature: -40℃～+75℃